

Title (en)

AZO DYE COMPOSITION AND METHOD FOR PRODUCING SAME

Title (de)

AZOFARBSTOFFZUSAMMENSETZUNG UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)

COMPOSITION DE COLORANT AZOÏQUE ET SON PROCÉDÉ DE PRODUCTION

Publication

EP 3190158 A1 20170712 (EN)

Application

EP 15837502 A 20150605

Priority

- JP 2014178029 A 20140902
- JP 2015066397 W 20150605

Abstract (en)

Provided are an azo dye composition including an azo dye compound represented by Formula (I) and a urea compound represented by Formula (II), and a method for producing an azo dye composition. R 11 , R 12 , R 13 and R 14 each independently represent a hydrogen atom, a halogen atom, or an aliphatic group; R 15 represents an aliphatic group; R 21 and R 22 each independently represent a hydrogen atom, an aliphatic group, or an aromatic group; and n represents an integer from 0 to 2.

IPC 8 full level

C09B 67/20 (2006.01); **C09B 29/048** (2006.01)

CPC (source: EP US)

C09B 29/0092 (2013.01 - EP US); **C09B 29/12** (2013.01 - EP US); **C09B 29/3691** (2013.01 - US); **C09B 67/0096** (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3190158 A1 20170712; **EP 3190158 A4 20171108**; **EP 3190158 B1 20181031**; **EP 3190158 B8 20181226**; CN 106661339 A 20170510; CN 106661339 B 20190326; JP 6211711 B2 20171011; JP WO2016035405 A1 20170427; US 2017145215 A1 20170525; US 9840622 B2 20171212; WO 2016035405 A1 20160310

DOCDB simple family (application)

EP 15837502 A 20150605; CN 201580046433 A 20150605; JP 2015066397 W 20150605; JP 2016546351 A 20150605; US 201715424893 A 20170206